

Amendments to the Claims

¹⁷
1 - ~~8~~ (Canceled).

18. (Previously Amended). A video inspection system comprising:

C, a housing rotatable from a first direction along the long axis of an object being inspected to a second direction approximately perpendicular to the first direction;

an image sensor coupled to the housing, the image sensor operable to capture an image in the first direction, the image sensor further operable to capture an image in the second direction due to a rotation of the housing; and

a camera board and processor coupled to the image sensor and operable to process each image and prepare it for display.

19. (Previously Amended). The video inspection system of Claim 18, wherein the housing is operable to rotate around the first axis, the image sensor operable to capture an image when in a first position, a second position and any position in between thereby providing hemispherical coverage at a given location of the object being inspected.

Canceled 20-22

23. (Previously Amended). The video inspection system of Claim 18, wherein the image sensor is mounted in a water tight, pressure sealed camera assembly for use in a bore hole or water well.

24. (Previously Amended). The video inspection system of Claim 18, wherein the image sensor is mounted in a sealed camera assembly for use in a pipeline.

25. (Original). The video inspection system of Claim 18, wherein the image sensor is mounted in a sealed camera assembly and the camera assembly is attached to a monitor via coaxial cable, the monitor operable to receive the output of the camera board and processor.

26. (Original). The video inspection system of Claim 25, wherein the coaxial cable includes a quick disconnect to allow easy removal and installation of other camera assemblies or tools.

27. (Original). The video inspection system of Claim 25, wherein the coaxial cable is stored on a spool in a transportable case.

28. (Original). The video inspection system of Claim 25, wherein the coaxial cable passes over a cable arm encoder operable to determine the distance that the camera has traveled and display it on the monitor with the output of the camera board and processor.

29 - 32 (Canceled).

33. (Original). A video inspection system comprising:

a camera assembly including:

an upper section having a camera card;

a stepper motor coupled to the end of the upper section; and

a lower section coupled to the upper section and the stepper motor,
the lower section operable to rotate about an axis when the stepper motor
is operational, the lower section further comprising:

an upper part having a high torque dc motor; and

a lower part coupled to the upper part by a pivoting means, the pivoting
means driven by the high torque motor and operable to pivot the lower part from a down
view to a side view, the lower part further comprising an image sensor coupled to the
camera card and operable to acquire an image in a down position and a side position and
any position in between, the image sensor further operable to acquire an image as the
lower section rotates about an axis.
